



cross talk

NEWS BULLETIN OF TRW AMATEUR RADIO CLUB



Sponsored by Systems Employee Association



FD '71
WAS FD '73
WAC FD '75
FD '76

DECEMBER 1982

Garrett/W6TRW 2-Meter Repeater: 145.32 Receive — 144.72 Transmit (2A-PL)

TRW UHF Repeater: 447.000 Receive — 442.000 Transmit

MEETING NOTICE

Dec. 22, Noon

EARLY--TRW/ARC Club Meeting, R4-1041.

SWAPMEET NEWS--Bill Schreck, KE6LB

The Thanksgiving weekend Swapmeet was well-attended, and the weather was just fine. We have been very lucky weather wise for the past five to six years, with no cancellations and only three Swapmeets where we got rained on. In October, the rain came down in buckets that afternoon, and in November we missed the storm by one day. This appears to be an unusually wet year, and I have a gut feeling we will get rained out in one of the next three months.

Operators for November were Roland Goulet (KE6LI), Mel Erb (K6GWC), and Bill Rodner (K6AWS). Unsolicited help from Jim (K6PDR), son Dan, Gary Komatsu, and other thoughtful club members. Operators scheduled for December are Ed Wheeler (N6AGA), Bill Dews (K6AWO), and we need a volunteer to fill the third operator's spot.

UHF REPEATER NEWS UPDATE

Thanks go to Mike Aust (WB6DJI), Frank Bayuk (WA6RZL), Clayton Kau (KH6JSL), and others for their efforts on the excellent UHF repeater system.

This UHF repeater has more bells and whistles than our VHF repeater. It is tied into the 2-meter repeater, creating a crossband link, so that anything said on 2-meters is repeated up to 450 MHz and any station on 450 MHz is repeated down to 2 meters. How you don't have to buy 450 MHz equipment to talk to the guys on 450, all you need to do is talk on our TRW VHF repeater.

Also, another bit of news is that the UHF repeater has a telephone autopatch, for emergency use only. If someone on VHF needs assistance, an operator on UHF can access the phone line to alert the authorities for you.

Continuing work is being done on the UHF machine to allow it to link into the HF bands (80-10 meters SSB) via the repeater's phone line. This will allow you, using a UHF handie talkie (like our club's IC-4AT), to work 20 meter DX on UHF. Apparently, frequencies are entered by DTMF (Touch Tone) to a computerized microprocessor that adjusts the frequency and tuning of the HF transceiver and remotely controls the pointing of the beam antenna. A computerized voice then reads back these frequencies and antenna bearings to the operator. Sounds like a lot of fun--imagine working DX while bicycling down the strand at the beach. No big antennas or rigs to drag around with you.

If you live in an apartment or a condo that won't allow you to put up HF antennas and you want to work the low bands (80-10 meters SSB), this may be the thing for you. Hope they finish this soon: I know that I want to take advantage of this--How about you? Good luck, and keep up the good work. Completion is anticipated by mid-February. (Courtesy WB6DJI)

MEETING MINUTES--Connie Gilmore, WA6SKM.

The Executive Board Meeting on December 7, 1982 was called to order at 6 pm at Sala's, with Bill Dews, Bill Schreck, Bill Rodner, Bill Dailey, Gary Komatsu, Dave Gilmore, and Connie Gilmore attending.

Fred Garrett has mailed ballots for the election of next year's officers--please sign and return ASAP. (Results will appear in the January Crosstalk.)

Bill Dews has volunteered to set up the club's activity calendar for 1983 (see later). Incidentally, Bill and Alice Dews won the dinner for two at Salas, and they were absolutely delighted. The food was delicious and the service was superb.

Bill Schreck and Bill Rodner will be blocking the entrances to TRW on Swapmeet day from 3 am until 6 am--opening time. The January Swapmeet concession will be operated by our associate members.

A suggestion was made to buy a new portable aluminum tower (12-14 foot) for Field Day.

A decision was made that the club provide only refreshments for the picnics at Pollywog Park --in other words, bring your own sandwich.

Membership renewals are due January 31st. The membership chairman would like you to rejoin ASAP--20 have already (30 as of press time). See the attached application.

The Emergency Coordinator reports that drills are at an all time high, with three in November. Our teamwork is getting better. Dave says that one person is not capable of covering R1/R2 in an emergency--we need another volunteer.

NOTICE: The pass that permits you to bring radios onto TRW property is contingent upon your participation in Emergency drills in your immediate location--excluding vacations. If you continually refuse to participate, your pass will not be renewed. The passes are only good for one year.

Since this is my last report as secretary, I want to thank all of my fellow officers for their love, patience, and support--88s.

NOTES HERE AND THERE

WELCOME TO THE CLUB!--Dale Jensen (K6ZTI), Mike McGuire (KA6OKR), Jim Buskirk (N6HJP), Steve Buskirk (KF6CV), Tome Hone (N6HHZ), Ray Jordan (an SWL), David Hassall (WA5DJJ). In addition, Norm Stockwell (N6NS) brought along family members Helen (N6FLH, David (WA6ATK), Walter (N6FVK), and Susan (KA6LXP).

WANTED--Technical, interface, or ANY info for Teletype model 33, Anderson Jacobson model DC230 (acoustic and DAA modem), and Computer Transceiver System Execuport 300 (model 311C) terminal. Ray Jordan, 102/1100, x64294.

CLUB LOAN EQUIPMENT--can be obtained from Bill Dews, x53392.

LICENSE EXPIRATIONS--Through February: W6IOW, WD6GJE, W6ATC, WA6NRQ, W6ZWS, WA6RAY. Please remember to report renewals to the Membership Chairman, so that he can update our records.

THE LA TIMES--See the article on Amateur Radio in the December 12 Sunday Times.

ANYONE INTO COMPUTERS?--Do we have any Hams who are ASCII, RTTY, or computer nuts in the club who could help some computer hams out? Maybe you could phone me or drop a line and let me know how to get in contact with you so I can pass the information on to the people who need the help. Bill Dews, x53392.

CQ QST--Please send the "plain brown wrapper" your QST comes in to to Dews, M2-2155, so that he can keep a record of club members who also belong to ARRL.

CLUB BADGES--You get a free door prize ticket if you wear your TRW/ARC badge to club meetings. If you don't have one with your current call on it, drop Bill Dews a check for \$2.00, along with your name and call. Wear them at Swapmeets and picnics too.

PERSONALIZED CLUB QSL CARDS--Hawthorne Typesetting Co., 4736 West El Segundo Blvd., Hawthorne, CA 90250. Phone: (213) 679-8677. \$22.00 for 100, plus \$4.00 for each additional 100 cards. Five or more orders (with different calls etc.) are \$18 per 100 (with the \$4.00 each extra hundred of the same card). Allow one week for delivery.

THE TRW AMATEUR RADIO CLUB INVITES YOU TO JOIN



Membership in the club allows you to

1. Operate our club station in building 65.

The station includes a TS-820S HF rig, with a three-element beam for 10, 15, and 20 meters up 70 feet, as well as a 40 meter dipole. We also have a Yaesu FT-225RD all-mode 2-meter transceiver.

2. Join us on the W6TRW repeater.

Nonmembers are also welcome to join us as we commute to and from work. The repeater is on 145.32 receive, 144.72 transmit, requiring PL 2A.

3. Meet other TRW employees with similar interests.

Over 100 of our members are TRW employees, and others are retired employees.

4. Participate in special ham events.

We always finish high in Field Day points. Everyone can participate, at whatever skill level, from rank beginners to seasoned experts.

5. Take advantage of the club's library and receive its newsletter.

Technical books and periodicals are maintained in the club station, and the club's newsletter, Cross Talk, keeps members up to date on club happenings and prints articles by club members.

6. Attend club gatherings.

In addition to our club meetings, held at noon on the last Wednesday of every month, we gather for picnics at Polliwog Park and, for our annual awards banquet.

7. Participate as a club member in the monthly TRW Swapmeet.

Our swapmeet has become a Southern California tradition, famous across the nation.

8. Borrow club equipment.

The equipment available for loan-out includes a frequency counter, Bird wattmeter, and 2-meter 220, 450 handitalkies.

What are the membership requirements? Just an interest in ham radio and, we hope, an interest in participating in club affairs. For more information, drop a note to the membership chairman:



TRW Amateur Radio Club
Box 1435
One Space Park
Redondo Beach, CA 90278

Attention: Membership Chairman

Take advantage of the membership form on the other side of this page!

- W6TRW CALENDAR 1983 -

The TRW Amateur Radio Club's Executive Board meets after work; everyone is invited to attend. Club meetings are held at noon on the last Wednesday of every month. The Swapmeet is held the last Saturday of the month. To avoid a conflict with Field Day, the June Swapmeet will be held one week early. Club picnics are announced in Crosstalk or by a special flyer. Any changes in schedule will be announced in Crosstalk. Join us on the Club's 2-meter repeater: 145.32 MHz output, .600 down, PL 2A required.

JANUARY	FEBRUARY	MARCH	APRIL
<p>Membership time now.</p> <p>New Club Officers' Club Meeting, Wednesday, Noon Jan. 28 <i>Friday</i></p> <p>Executive Board Meeting (EBM) Friday <i>Tuesday</i>, Jan. 11</p> <p>Swapmeet, Saturday, Jan. 29 8:00 - 11:00 am</p>	<p>Late Membership.</p> <p>EBM, Tuesday, Feb. 8. ✓</p> <p>Club Meeting, Wednesday, Noon Feb. 25 <i>Friday</i></p> <p>Swapmeet, Saturday, Feb. 26 8:00 - 11:00 am</p>	<p>EBM, Tuesday, March 8</p> <p>Club Meeting, Wednesday, Noon March 30</p> <p>Swapmeet, Saturday, March 26 8:00 - 11:00 am</p> <p>St. Patrick's Day, March 17, Thursday after work</p>	<p>EBM, Tuesday, April 12</p> <p>Club Meeting, Wednesday, Noon April 27</p> <p>Swapmeet, Saturday, April 30 8:00 - 11:00 am</p>
MAY	JUNE	JULY	AUGUST
<p>EBM, Tuesday, May 10</p> <p>Club Picnic, Noon at Park Pre-Field Day, Tues., May 10</p> <p>Club Meeting, Wednesday, Noon May 25</p> <p>Swapmeet, Saturday, May 28 8:00 - 11:00 am</p>	<p>EBM, Tuesday, June 7</p> <p>Club Picnic, Noon at Park, Wed. June 15</p> <p>Field Day, June 24, 25, 26 <u>Week-End</u></p> <p>Club Meeting, Wed., Noon, 30th NOTE: Swapmeet, Sat., June 18; 8:00 - 11:00 am</p>	<p>EBM, Tuesday, July 12</p> <p>Post Field Day</p> <p>Club Picnic, Noon, Monday July 11</p> <p>Club Meeting, Wednesday, Noon July 27</p> <p>Swapmeet, Saturday, July 30 8:00 - 11:00 am</p>	<p>EBM, Tuesday, August 9</p> <p>Club Picnic, Noon, Friday August 12</p> <p>Club Meeting, Wednesday, Noon August 31</p> <p>Swapmeet, Saturday, August 27 8:00 - 11:00 am</p>
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
<p>EBM, Tues., September 13</p> <p>Club Picnic, Noon, Sept. 13</p> <p>Club Meeting, Wed., Noon September 28</p> <p>Swapmeet, Saturday, Sept. 24 8:00 - 11:00 am</p>	<p>EBM, Tues., October 21</p> <p>Club Meeting, Wed., Noon, October 26</p> <p>Swapmeet, Saturday, Oct. 29 8:00 - 11:00 am</p>	<p>EBM, Tues., November 8</p> <p>New Club Officers' Nomination Awards Dinner, Saturday November 12</p> <p>Club Meeting, Wed., Noon, November 23</p> <p>Swapmeet, Saturday, Nov. 26 8:00 - 11:00 am</p>	<p>EBM, Tuesday, December 6</p> <p>Vote New Club Officers</p> <p>*Early Club Meeting, Noon December 21</p> <p>Merry Christmas 1983, Vacation Swapmeet, Saturday, Dec. 31 8:00 - 11:00 am</p>